P#13

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/722,776A**

Input Set : **A:\EP.txt**
Output Set: **N:\CRF4\11272002\I722776A.raw**

```
 3  <110> APPLICANT: Jeon, Yeong J.
 4          Park, Wan J.
 5          Lee, Gyong N.
 6          Jung, Sang B.
 7          Kim, Doo S.
 8          Kwon, Hyung J.
10  <120> TITLE OF INVENTION: NOVEL ENDONUCLEASE OF IMMUNE CELL, PROCESS FOR PRODUCING THE
SAME AND
11          IMMUNE ADJUVANT USING THE SAME
13  <130> FILE REFERENCE: 9250-2
15  <140> CURRENT APPLICATION NUMBER: 09/722776A
16  <141> CURRENT FILING DATE: 2000-11-27
18  <160> NUMBER OF SEQ ID NOS: 30
20  <170> SOFTWARE: PatentIn version 3.1
22  <210> SEQ ID NO: 1
23  <211> LENGTH: 13
24  <212> TYPE: DNA
25  <213> ORGANISM: Escherichia coli
27  <400> SEQUENCE: 1
28  ttaaaacgtt cac                                              13
31  <210> SEQ ID NO: 2
32  <211> LENGTH: 13
33  <212> TYPE: DNA
34  <213> ORGANISM: Escherichia coli
36  <400> SEQUENCE: 2
37  aagtgaacgt ttt                                              13
40  <210> SEQ ID NO: 3
41  <211> LENGTH: 11
42  <212> TYPE: DNA
43  <213> ORGANISM: Escherichia coli
45  <400> SEQUENCE: 3
46  agcagcgcta a                                                11
49  <210> SEQ ID NO: 4
50  <211> LENGTH: 11
51  <212> TYPE: DNA
52  <213> ORGANISM: Escherichia coli
54  <400> SEQUENCE: 4
55  aattagcgct g                                                11
58  <210> SEQ ID NO: 5
59  <211> LENGTH: 15
60  <212> TYPE: DNA
61  <213> ORGANISM: Escherichia coli
63  <400> SEQUENCE: 5
64  ctcccggccg ccatg                                            15
```

RAW SEQUENCE LISTING   DATE: 11/27/2002
PATENT APPLICATION: **US/09/722,776A**   TIME: 09:15:36

Input Set : **A:\EP.txt**
Output Set: **N:\CRF4\11272002\I722776A.raw**

```
 67 <210> SEQ ID NO: 6
 68 <211> LENGTH: 14
 69 <212> TYPE: DNA
 70 <213> ORGANISM: Escherichia coli
 72 <400> SEQUENCE: 6
 73 ttgggagctc tccc
 76 <210> SEQ ID NO: 7
 77 <211> LENGTH: 17
 78 <212> TYPE: DNA
 79 <213> ORGANISM: pUC/M13 forward
 81 <400> SEQUENCE: 7
 82 gttttcccag tcacgac                                                17
 85 <210> SEQ ID NO: 8
 86 <211> LENGTH: 17
 87 <212> TYPE: DNA
 88 <213> ORGANISM: pUC/M13 forward
 90 <400> SEQUENCE: 8
 91 caggaaacag ctatgac                                                17
 94 <210> SEQ ID NO: 9
 95 <211> LENGTH: 29
 96 <212> TYPE: DNA
 97 <213> ORGANISM: Escherichia coli
 99 <400> SEQUENCE: 9
100 agagcagcgc taatgtctat cgatgattt                                   29
103 <210> SEQ ID NO: 10
104 <211> LENGTH: 16
105 <212> TYPE: DNA
106 <213> ORGANISM: Escherichia coli
108 <400> SEQUENCE: 10
109 gtcaaaacgt tcacca                                                 16
112 <210> SEQ ID NO: 11
113 <211> LENGTH: 91
114 <212> TYPE: DNA
115 <213> ORGANISM: Escherichia coli
117 <400> SEQUENCE: 11
118 ttaacaacgt tggggcgatt gagagcgatg gcgttgattt catgtaaacg aagctaacgt  60
120 ggtgaaaacg atgatggcgc acgcgagaaa t                                91
123 <210> SEQ ID NO: 12
124 <211> LENGTH: 16
125 <212> TYPE: DNA
126 <213> ORGANISM: Escherichia coli
128 <400> SEQUENCE: 12
129 cccatgacgc accgca                                                 16
132 <210> SEQ ID NO: 13
133 <211> LENGTH: 28
134 <212> TYPE: DNA
135 <213> ORGANISM: Escherichia coli
137 <400> SEQUENCE: 13
138 attccatcgc catctcaaac ttcggtaa                                    28
```

RAW SEQUENCE LISTING   DATE: 11/27/2002
PATENT APPLICATION: **US/09/722,776A**   TIME: 09:15:36

Input Set : **A:\EP.txt**
Output Set: **N:\CRF4\11272002\I722776A.raw**

```
141 <210> SEQ ID NO: 14
142 <211> LENGTH: 46
143 <212> TYPE: DNA
144 <213> ORGANISM: Escherichia coli
146 <400> SEQUENCE: 14
147 tgcctcggag ttacctaatt ccatcgccat ctcaaacttc ggtaaa              46
150 <210> SEQ ID NO: 15
151 <211> LENGTH: 27
152 <212> TYPE: DNA
153 <213> ORGANISM: plasmid pET31F
155 <400> SEQUENCE: 15
156 cctttgacgt tgagtccacg ttcttta                                  27
159 <210> SEQ ID NO: 16
160 <211> LENGTH: 15
161 <212> TYPE: DNA
162 <213> ORGANISM: plasmid pET31F
164 <400> SEQUENCE: 16
165 cctatctcgg tctat                                              15
168 <210> SEQ ID NO: 17
169 <211> LENGTH: 13
170 <212> TYPE: DNA
171 <213> ORGANISM: plasmid pKF3 from E. coli
173 <400> SEQUENCE: 17
174 tttacggttc ctg                                                13
177 <210> SEQ ID NO: 18
178 <211> LENGTH: 16
179 <212> TYPE: DNA
180 <213> ORGANISM: plasmid pKF3 from E. coli
182 <400> SEQUENCE: 18
183 tttcctgcgt tatccc                                             16
186 <210> SEQ ID NO: 19
187 <211> LENGTH: 22
188 <212> TYPE: DNA
189 <213> ORGANISM: plasmid pGEM-5Zf(-)
191 <400> SEQUENCE: 19
192 gtcgaccata tgggagagct cc                                      22
195 <210> SEQ ID NO: 20
196 <211> LENGTH: 12
197 <212> TYPE: DNA
198 <213> ORGANISM: plasmid pGEM-5Zf(-)
200 <400> SEQUENCE: 20
201 acgcgttgga tg                                                 12
204 <210> SEQ ID NO: 21
205 <211> LENGTH: 11
206 <212> TYPE: DNA
207 <213> ORGANISM: plasmid pGEM-5Zf(-)
209 <400> SEQUENCE: 21
210 agcttggcgt a                                                  11
213 <210> SEQ ID NO: 22
```

RAW SEQUENCE LISTING   DATE: 11/27/2002
PATENT APPLICATION: **US/09/722,776A**   TIME: 09:15:36

Input Set : **A:\EP.txt**
Output Set: **N:\CRF4\11272002\I722776A.raw**

```
214 <211> LENGTH: 16
215 <212> TYPE: DNA
216 <213> ORGANISM: Sequence from US patent 4921698
218 <400> SEQUENCE: 22
219 tttcctgcgt tatccc                                          16
222 <210> SEQ ID NO: 23
223 <211> LENGTH: 59
224 <212> TYPE: DNA
225 <213> ORGANISM: Sequence from US patent 4921698
227 <400> SEQUENCE: 23
228 gctgatacgc tcgccgcagc cgaacgaccg agcgcagcga gtcagtgagc gaggaagcg   59
231 <210> SEQ ID NO: 24
232 <211> LENGTH: 56
233 <212> TYPE: DNA
234 <213> ORGANISM: plasmid pGEM-T
236 <400> SEQUENCE: 24
237 cttcctcgct cactgactcg ctgcgctcgg tcgttcggct gcggcgacgg tatcag       56
240 <210> SEQ ID NO: 25
241 <211> LENGTH: 38
242 <212> TYPE: DNA
243 <213> ORGANISM: plasmid pGEM-T
245 <400> SEQUENCE: 25
246 ggtctgacgc tcagtggaac gaaaactcac gttaaggg                           38
249 <210> SEQ ID NO: 26
250 <211> LENGTH: 58
251 <212> TYPE: DNA
252 <213> ORGANISM: plasmid pGEM-T
254 <400> SEQUENCE: 26
255 taaagaacgt ggactccaac gtcaaagggc gaaaaaccgt ctatcagggc gatggccc     58
258 <210> SEQ ID NO: 27
259 <211> LENGTH: 25
260 <212> TYPE: DNA
261 <213> ORGANISM: plasmid pGEM-T
263 <400> SEQUENCE: 27
264 ttcccaacga tcaaggcgag ttaca                                         25
267 <210> SEQ ID NO: 28
268 <211> LENGTH: 16
269 <212> TYPE: DNA
270 <213> ORGANISM: plasmid pGEM-T
272 <400> SEQUENCE: 28
273 ctccgatcgt tgtcag                                                   16
276 <210> SEQ ID NO: 29
277 <211> LENGTH: 34
278 <212> TYPE: DNA
279 <213> ORGANISM: Escherichia coli
281 <400> SEQUENCE: 29
282 tgctgttcgg caccaacaat cacgccgact ttaa                               34
285 <210> SEQ ID NO: 30
286 <211> LENGTH: 11
```

RAW SEQUENCE LISTING   DATE: 11/27/2002
PATENT APPLICATION: **US/09/722,776A**   TIME: 09:15:36

Input Set : **A:\EP.txt**
Output Set: **N:\CRF4\11272002\I722776A.raw**

```
287 <212> TYPE: DNA
288 <213> ORGANISM: Homo sapiens
290 <400> SEQUENCE: 30
291 ttcgattcga t                                              11
```

VERIFICATION SUMMARY   DATE: 11/27/2002
PATENT APPLICATION: **US/09/722,776A**   TIME: 09:15:37

Input Set : **A:\EP.txt**
Output Set: **N:\CRF4\11272002\I722776A.raw**